

Title (en)  
POWER DISTRIBUTION SYSTEM

Title (de)  
STROMVERTEILUNGSSYSTEM

Title (fr)  
SYSTÈME DE DISTRIBUTION DE PUISSANCE

Publication  
**EP 3100592 B1 20200408 (EN)**

Application  
**EP 15700145 A 20150112**

Priority  
• EP 14153436 A 20140131  
• EP 2015050418 W 20150112

Abstract (en)  
[origin: US2016349781A1] The invention relates to a power distribution system (1), especially a Power-over-Ethernet system, comprising at least one dominant sensor, which may be located within a powered device (4) like a lighting device, and at least one non-dominant sensor, which may be located within another powered device (4), wherein the power distribution system is adapted such that in a system low power mode the at least one dominant sensor (6) consumes power provided by a power providing unit (3) and the at least one non-dominant sensor (6) does not consume the provided power and that the power distribution system (1) switches from the system low powermode to a system high power mode, if the at least one dominant sensor (6) has sensed an event. Since in the system low power mode the at least one non-dominant sensor does not consume power, the power consumption can be reduced.

IPC 8 full level  
**H04L 12/28** (2006.01); **G05F 1/66** (2006.01); **H04L 12/10** (2006.01); **H04L 12/12** (2006.01)

CPC (source: EP US)  
**B01D 53/228** (2013.01 - EP); **B01D 67/0041** (2013.01 - EP); **B01D 67/0046** (2013.01 - EP); **B01D 67/0048** (2013.01 - EP); **B01D 69/02** (2013.01 - EP); **B01D 69/10** (2013.01 - EP); **B01D 69/106** (2022.08 - EP); **B01J 20/10** (2013.01 - EP); **B01J 20/28004** (2013.01 - EP); **B01J 20/28007** (2013.01 - EP); **B01J 20/28033** (2013.01 - EP); **F17C 11/00** (2013.01 - EP); **F17C 11/007** (2013.01 - EP); **G05B 13/0265** (2013.01 - US); **G05B 19/0428** (2013.01 - US); **G05F 1/66** (2013.01 - EP US); **G06F 1/189** (2013.01 - US); **G06F 1/3206** (2013.01 - US); **G06F 1/3287** (2013.01 - US); **H04L 12/10** (2013.01 - EP US); **H04L 12/12** (2013.01 - EP US); **H04L 12/2829** (2013.01 - EP US); **H05B 47/105** (2020.01 - EP US); **H05B 47/115** (2020.01 - EP US); **H05B 47/18** (2020.01 - EP US); **B01D 2325/20** (2013.01 - EP); **B01D 2325/22** (2013.01 - EP); **B01D 2325/28** (2013.01 - EP); **B01D 2325/30** (2013.01 - EP); **G05B 2219/2642** (2013.01 - US); **H02J 2310/60** (2020.01 - US); **Y02B 20/40** (2013.01 - EP); **Y02B 70/30** (2013.01 - EP US); **Y02D 30/50** (2020.08 - EP US); **Y04S 20/20** (2013.01 - EP US)

Cited by  
EP3799363A3

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**US 10095257 B2 20181009**; **US 2016349781 A1 20161201**; EP 3100592 A1 20161207; EP 3100592 B1 20200408; US 11625083 B2 20230411; US 2019015794 A1 20190117; WO 2015113804 A1 20150806

DOCDB simple family (application)  
**US 201515114811 A 20150112**; EP 15700145 A 20150112; EP 2015050418 W 20150112; US 201816125827 A 20180910